

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [3305] 30M notes from Brad Mitchell  
Message-ID: <199601241553.PAA28987@chuck.dallas.sgi.com>

Here is what I got from Brad that didn't get copied to the group, so I'm repeating as he wanted this to go and I agree.

-----cut here-----

>From bmitchel%iiatasun@iiatasun.cba.kodak.com Wed Jan 24 15:29:10 1996  
From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Jim Stafford-W4QO <w4qo@america.net>  
Subject: [3281] 624 Kits  
Message-ID: <Pine.SV4.3.91.960124052844.27273A-100000@atl1>

I have corresponded with Paul about preparing an ASCII file that we might post on the ftp site re: his product line. So far he has not done made one up. He can be reached at email address: PBUNN624@aol.com

Shoot him a line and let him know that he would be welcome here on QRP-L with his products. I have also suggested he might want to get someone to take some of his kits to the 4DIM program at Dayton. I have his catalog if you have a specific question.

Standard disclaimer applies.

73/72/jim/w4qo

On Tue, 23 Jan 1996, PAT DOYLE wrote:

> Does 624 Kits have a WWW page?  
>  
>  
>

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: PDouglas12@aol.com  
Subject: [3324] AC4HF's great review  
Message-ID: <960124134645\_405279949@emout06.mail.aol.com>

Well Gang, though my QRPP comes across country a month later than the west coast locals, but my 73 mag gets here early. Nature compensates.

In the Feb issue of 73, Jeff's review of the Norcal 40a is great. A couple

of comments, not criticisms.

First, the dummies at 73 have no address for Wilderness, at the end of the article, in case someone who reads the review wants maybe to order a 40A.

Nowhere in the mag does Wilderness' address appear. Now, it also wouldn't bother my sense of right and wrong if 73's advertising people had called up Wilderness and (without telling them the content of the review to preserve the punctillio of integrity) suggested that they might want to place an ad (even a classified) in the same issue as the review. I looked. Not in the advertisers' index. Not in the classified (correct me if I'm wrong, but be gentle).

Suppose, just suppose, someone who reads this very positive review might want to buy a Wilderness 40A. How do they do that without writing two letters to the wrong people first? Say goodbye to impulse buyers.

Second, they did print the NorCal club's address and noted that membership is \$10/yr. Which would be nice, except I think the membership is free and only the journal, QRPP, costs money. And they don't mention that checks must be drawn to Jim Cates. And the implication is that you can't even buy a 40A unless you are a member. If I were Bob at Wilderness, I would be tearing my hair out on this one.

Geeze, you get your product reviewed in a major mag, the review is well written and strongly positive, and nobody knows how to order the damn thing.  
UGH

For the record: Wilderness Radio, P.O. Box 734, Los Altos, CA 94023--0734  
Tel (for you impulse buyers) is 415 494 3806

Finally, they chopped up the reference to OHR right in the middle, so those who don't already know the QRP commercial market, wouldn't know what Jeff is talking about.

Now, notwithstanding any of the above, the article is great, and the author has done a great job. The editors, on the other hand, were apparantly asleep at the switch. And Wayne Greene (not Burdick!), who is always talking about making money, missed the boat in failing to solicit an ad.

I have no interest in Wilderness, except I think Wayne (Burdick, not Greene!) is a genius (no big deal on this list--there are several) and Bob is extraordinarily nice (he's probably smart too!). I am a satisfied customer.

Preston WJ2V

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Brad Mugleston <bmug@gw1.com>  
Subject: [3304] Antenna Help  
Message-ID: <199601241515.AA03062@gp-ipc54.gw1.com>

Gang,

It finally warmed up enough for some antenna work, OK the wind died down enough so that my ladder wouldn't keep blowing down with me on it. Anyway I put up a delta loop (1005/7.1) High point at about 18' bottom of delta about 12'. I used 17g electric fence wire (had some, used it). Resistance through wire almost 0. Connected (wrapped) RG8X to it. Resistance through coax-antenna almost 0. No shorts or opens. Hooked up a borrowed (thank you Jay) MFJ antenna analyzer. SWR on ALL bands GREATER than 3:1 with a very sharp dip at 7.04M down to a SWR of 3:1. What did I do wrong??? I expected a low broad SWR.

Should I use twin lead to a 2:1 balun? This was to be used for my Explorer II in the 40M novice bands for now. I've heard of people blowing their finals in these radios with a bad SWR and I don't want to risk it.

Thoughts:

1) if the batteries are low in the MFJ will it give incorrect readings? It seems to be working on my Inverted V and my 2M antennas.

2) I am around 3:1 for about 0.50M (0.25 above and below 7.1M) is this as broad as it gets?

3) Per antenna books the feed point impedance s/b 115 - if I use a 2:1 balun will this drop the 3:1 to 1.5:1?

Thank you

Brad, KB0ROL and I forgot my QRP-L number but I'm number 170 with CQC.

From qrp-l@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Patrick Doyle (KA2GSL PAT DOYLE) <DOYLEPS@LAKEHURST.NAVY.MIL>  
Subject: [3308] Antenna Help -Reply  
Message-ID: <s1060f84.001@LAKEHURST.NAVY.MIL>

The 2:1 balun will bring the assumed 115 ohm impedance to an assumed 57.5 ohm impedance.

Try feeding the antenna with balanced line. Run the balanced line to an antenna via a balun.

Your zero resistance is confirming that you have continuity in the line.

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: PAT DOYLE <DOYLEPS@LAKEHURST.NAVY.MIL>  
Subject: [3285] Censorism?  
Message-ID: <s105ee19.074@LAKEHURST.NAVY.MIL>

There are some strong opinions of some of this group's members of what should and shouldn't be brought up. This is not a reflector for the timid, obviously. Everyone seems to have an opinion of what should and shouldn't be discussed. That is a dangerous direction to go. This is not a reflector where only contest scores are posted or where the merits of Kenwood Twins or Drake TR4's are bantered about.

I can see not wanting to respond to a point, but telling someone to take their thoughts elsewhere is polarizing.

If a topic is not of your interest, ignore it.

QRP is a subset of all that goes on in radio. Discussing the current trend, band conditions, fox hunts, what a local club is doing, what so-and-so is selling, etc. are all related to what we partake in.

Today, I may not be interested in the St. Louis tuner or what OHR will be coming out with two days from today whether QQ has arrived in Portland, but that is not to say that I won't be tomorrow. If I am then interested in those things, I would then appreciate the thoughts that I scanned through the day before.

I don't read everything. Time does not allow it. I have to dump a lot of what comes through. 50 plus message a day or evening is a lot. I do scan the subjects in the In box.

I quit one local club because too many of the members were uninterested in exploring more than just a niche of what goes on around them. I hope this discussion group does not follow that same route.

73 de KA2GSL

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: QLF@mimi@magic.itg.ti.com  
Subject: [3292] CODELESS TECHS ETC, ETC, ETC, ETC, ETC  
Message-ID: <9601241430.AA29983@itg.ti.com>

From: Brad Bradfield QLF

Subj: CODELESS TECHS ETC, ETC, ETC, ETC, ETC

I say amen to KA2GSL. I'll be the first to admit that I've always had concerns about the codeless tech program. Some of that is strictly personal; ("I had to learn the code and by golly so should they!") But guys (and gals too, sorry) the codeless tech program is a fact and will never go away. Is it better not to learn to live with it when it simply ain't going to go away than to nit pick and whine??!! I also don't feel it appropriate to attack something that I myself have done nothing to foster and improve.

How many of you remember your Elmer? I had several over the several years I was interested but before I was actually licensed. One was Ade Weiss, WORSP, who gave me my Novice test in 1972. Isn't it time we old timers (did I really say that?) start giving something back to the hobby we love. The no code techs are just one important part of the future of this hobby. We've simply got to get busy and nurture their growth in the hobby. And please don't read that to always mean upgrading. Nurture them in whatever way they desire to go. If you don't, then you're simply part of the devisiveness!

73's

Brad, WB0CGH

\*\*\*\*\*

Brad Bradfield, PE  
108 Forestwood  
Corinth, TX 76205

Electrical Design Engineer  
Texas Instruments, Inc.

QLF@MSG.TI.COM

(H) 817-321-2960  
(W) 214-462-6230

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member

QRP-L #377

SMIRK #4906

IEEE(M)

Collector of wireless and landline Morse keys and accessories.

\*\*\*\*\*

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: harry.bump@hamdata.leba.net (Harry Bump)  
Subject: [3352] Computers and CW  
Message-ID: <9601242053143743@hamdata.leba.net>

Hi Gang!

Thanks to all those who responded to my request for serial port control info - I GOT IT RIGHT! The CW transmit keyboard (software & hardware) is working and was uploaded to the ARRL BBS last night.

This program is (hopefully) destined to end up as part of each of the contest logging programs I've written.

They are the PA1200 for the Pennsylvania QSO Party  
the MI1200 for the Michigan QSO Party  
and the FD1200 for Fieldday.

These and the cw transmit keyboard (CWI.ZIP) are available on the ARRL BBS in Newington CT (203-666-0578) and the N3GTY BBS in Lebanon PA (717-272-9701 or 717-270-5607).

I'm working on an upgrade that makes some major improvements including CW transmit with memories and should have it on the BBS before the Michigan Party in May.

Hopefully at least some of you will use the program and maybe send some feedback my way - thats' the only way I'll find out what I've done right (and wrong!).

72 - Harry - KM3D

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: teixeira@ccnet.com (T E I X E I R A)  
Subject: [3325] CW & No Code Tech.  
Message-ID: <v01520d00ad2b9fd5f9c3@[206.80.40.58]>

I have always been down on the No Code Tech. Lic. even though my wife

KE6TPF is a Nocode Tech. My son KE6VWF is a Tech Plus. But since it's here for now, I agree that we should start by helping these Hams to learn code and to start using it.

I have started by down loading Sharware Code Tutors from the net and giving them to others.

I know in my area I have a few people at least trying to learn code and a few others now trying for their Extra who had sat on an advanced for years.

Don N6FNL

If it's worth playin.....

It's worth playin "L O U D"

```
      ##X##
    < 0v0 >

      // \\~///  \\
      ///      \\//  \\
      ////              \\\\
      W*****W
      #####
      #####
      ###  ###
      ###  ###
      ###  ###
    @xxx      xxx@
```

From qrp-l@lehigh.edu Wed Jan 24 21:30:50 1996  
From: TIMOTHY J PETTIBONE <tpettibo@NMSU.Edu>  
Subject: [3310] CW Discussion  
Message-ID: <Pine.A32.3.91.960124093852.29714H-100000@hector>

Seems like we get these hot little threads every now and then. They usually die a good death. I've stopped going to various newsgroups because of the intensity and ill will freely shared. I sincerely hope that QRP-L will not become one of those.

Tim AB50U

p.s. Reading between my own lines, I say let it be for now.

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: bobhigh@primenet.com (Bob Hightower)  
Subject: [3347] Elmers and stuff  
Message-ID: <199601250025.RAA07523@usr6.primenet.com>

I had an Elmer once, long before I got my ticket. Back in 1956, my Battalion Communications Officer was a ham, and he tried to get me interested. We sort of collaborated on the rebuild of a BC-610 (I was radio chief and a repair tech), and when it was done, used his other stuff to talk with hams in Europe. His name was Jim Dean, call at the time was DL7JX (we were in Germany with the Army), and I don't know if he is still active..can't find him in the callbook or on SAMs.

Anyway, his patience and thoroughness stuck with me all these years. While I was probably too young and full of myself to get the license at the time, I had, through the years, wished I had done so. Even built an old (new at that time) Heathkit, but can't remember the model. Now that I am in the hobby, I really wish I had gone through with it.

Now, I have had good advice and help from several 'Elmers' locally, most of them younger than I, but not with the same attitude that Jim had. Not to fault them, but it seems like he, and some of the folks we spoke with on the bands, took more time and had more patience..not so much technical stuff as how-to-do stuff.

Not QRP I know, but the thread about Elmers brought back the memories.

73,

Bob KI7MN NorCAL #1228, qrp-ARCI #8918, qrp-1 #271

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: RobCap@aol.com  
Subject: [3323] For Sale: Great QRP Rig  
Message-ID: <960124133654\_205620817@mail02.mail.aol.com>

For Sale: MFJ 9020 CW rig, with optional CW filter installed. Price is \$135 (firm), which includes UPS ground shipping, insured, within Continental United States.

The rig puts out 5 watts, and draws only 60 mA on receive.



The radio is in absolutely mint condition, with one very minor cosmetic exception: there are four tiny holes on the top lid where I had keyer memory buttons installed. I'm selling it because I plan to go strictly with home-made gear in future Field Days.

Please reply directly to: Robcap@AOL.com

73,

Rob, WA3ULH

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: RobCap@aol.com  
Subject: [3322] For Sale: Logikeyer II Keyer  
Message-ID: <960124133649\_205620756@mail04.mail.aol.com>

For Sale: Fully assembled Logikeyer II super cmos memory keyer. Price is \$45, which includes postage within the United States.

Very deluxe memory keyer with four memories, as described in QST and the ARRL handbook. The keyer is assembled in board form, with wires soldered in place, and ready to install in either a radio internally, or in a project box as a standalone keyer.

The keyer is fully tested and operational. It draws a tiny 5 mAmp current, so is ideal for situations where conserving current is important.

The keyer, which ordinarily operates from 5V, also comes with a 7805 voltage regulator (with appropriate capacitors) mounted on board, so that you can operate the unit with 12 volts.

Please reply directly to: Robcap@AOL.com

73,

Rob, WA3ULH

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: SYDV00A@prodigy.com (MR FLOYD E SMITHBERG)  
Subject: [3269] Fox  
Message-ID: <013.09394078.SYDV00A@prodigy.com>

Heard the fox, WB8ZGL, on ~7039.9 under layers of QRM, QRN and the usual QSB....At times he was a strong 339 near Phoenix and I called but was

never sure he heard me. I was going to try mW levels but soon went full bore to 5W and still ND. Heard him again on ~7109.9 around 8:05 local time and called but again...not sure if he heard me. Then looked back around 7040 after 8:15 MST again but didn't find him and quit to give my ears a break.

Think I heard him work one station, otherwise another unlucky night for the foxes, at least from AZ.

Thanks for trying Paul, hope the conditions are better tomorrow night.

Floyd NQ7X        ARCI   G-QRP   NORCAL   QRP-L   ScQRPion   AARP   MEDICARE

From qrp-1@lehigh.edu   Wed Jan 24 21:30:50 1996

From: af852@rgfn.epcc.Edu (William R Colbert)

Subject: [3295] fox

Message-ID: <9601241443.AA20447@rgfn.epcc.Edu>

Well, I heard/worked Paul, WB8ZJL on 7110.8 last nite with a 559 here in FAR West Texas, a little qsb on the signal near the end of our exchange. Followed him to 7040 where he gave the QRM a good run for the money. Paul's signal was even better on 7040 - unfortunately during the time I listened, 10 - 15 minutes - I did not hear but one qso with him - the rest of the time he was sounding very lonely. Almost called him again. The band sounded pretty good here, no QRN, lots of all around signals from W6 to W4, a few 1's, 8's in WV, etc. I hope Paul worked more than what I heard call. just my observations  
72/73

Ray

--

Ray Colbert, W5XE/V31XE, El Paso, Tx

From qrp-1@lehigh.edu   Wed Jan 24 21:30:50 1996

From: paul1@wizard.ucs.sfu.ca (Paul Erickson)

Subject: [3349] Fox

Message-ID: <9601250125.AA21910@wizard.ucs.sfu.ca>

Excellent signal into B.C. Duffy. I also want to compliment you on your methodology for choosing start times. From the string of people you are working, you should have a great night!

Congratulations,

Cheers, Paul  
VE7CQK  
email: paul1@wizard.ucs.sfu.ca

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Bill Acito 24-Jan-1996 2153 <acito@asdg.ENET.dec.com>  
Subject: [3354] FOX  
Message-ID: <9601250254.AA12271@us1rmc.bb.dec.com>

Nada on the fox here in New England. Did here KK5HA, AA5HB, and  
NA5K/M working each other just of frequency, and I thought I  
might have heard Duffy in there, but it was really quiet here.

Needed serious DSP to pull out what I did.

b

. . . . . - I own my own words - . . . . .  
Bill Acito  
acito@asdg.enet.dec.com  
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS ... qrp-ne ... qrp-1 ... qrp-arci ... norcal ... arrl life ...

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: paul1@wizard.ucs.sfu.ca (Paul Erickson)  
Subject: [3273] Fox etc.  
Message-ID: <9601240434.AA04235@wizard.ucs.sfu.ca>

No foxes heard here in B.C. but heard quite a few hunters. Trust a good time  
was had by all.

Anyone in the mood for a stupid question? (if not go no further ;-))

What would happen if we were to run two foxes??

cheers, Paul

VE7CQK

email: paul1@wizard.ucs.sfu.ca

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: "Norman E. Fink" <norm@uu1238.flowerslabs.com>  
Subject: [3326] FOX Report  
Message-ID: <9601241841.AA16743@flowerslabs.com>

```
begin 666 .tar.189.FOX_Report.attach
M'YV0:=R0*8/'A1PZ9@`H7,BPH<.'$"-*G$BQ(HB+-C*"``'11(P:,#9V0!B2
MX\B+,F+$`G"QLH8-&[8B!FC8XT;;&9PK,BSI\^?0(*'4JTJ-&C2),J5;J'
MRT$S,+B$<3,G35,S;]S0H2.&#1<S;;ZV>3-0CAL00][4D9.FC)P=?11P:1-&
MSADV,63'D$07KIR\>[G'J4N&"QT\*FO(,(Q'Q@P8-!C/H%`#!F,:-F#08'PS
M,V,;.(?RQ@%C)N,<*2T?7CG#QN;5'_5^#2N&2YJH==BXR5KFZQP9D<V,B3H&
M*@@H87*?F'.BZADW8=B'8!-F#AT0;M*<07/]3G40=-"4:4Y'3M8S9:R#2`("
M31@[X\43!F'&?!L04_.'/(($2_,W]-7E'A<*L#<'&5HA9\8:ET77AH'Z==&
M0'70D1YX=63GQAGXF9<A&=.E85V``7%(!X!WE!'&&LUI!QT;<[``P@EC)#='
M;PJ$%P8=RX%PAW07L4<0@F-8""RN8$'H'OP#2B7'D&P(=T;9N#77!UD#.2&
MC.S))P>(89!GWH;D[9A&5LTE2(:,(KC@)G]8N.F""!>Q%YY:VUV71G??$0B'
M>6*$T95^<[S11AF\@1`0"%%,\01XT:U1XH(-@B<>?6_@4:&=,@H1H57RE$&
M&_KMYN"E<(+0`G907$@CM=9-^89+M1)WAMP(`CB&KN)T0(==T#(QJ13@3CL
MB&Z4'29S2$HW1E9T4*BLDB#4*"6!0T3A)('L6<0&M,WB)Y"/;\BQQK1HI'$?
MFN&-9P:$ZI67AXPUU)`#IG*TIZZX(%9V+U;Y'KJM`LWVZ-R+/GX7YHAAD*'?
M%"W4P"(\;XQ18U5914<J"!#;T)Y;XRTZ1H+E1;<?&^6F04:8:!!+XXXZ*,K>;
M'1)J5^8\,E!:+0;2EB&A7+4NE^YU1HZ&%N%;@G"6.I1:>EXK8J7KW5F9L4<
M>]XQY^6D*8H*0J"B;CR6'9.VBUT9RGXK-`@$<EMEN_IU/9[&(9YKJ8@4)YMP
MC%^<<899:/:'[FY@2C&>,/:/0<;[0Z*8'O+J[H66&"';:J7X,*^%LD.'&
M"=+=JY^9F0HXQUJ=:XH'3^TK4!:&\JQ8VY54R5CLS(6:^E4:\PQ\!(MR-""
M$^6VT8(1':VA0%Q+->_\!)!'+_WTU%=O_?789Z_]MQW[_WWX(<O_OCDEV_^
: ^>BGK_[Z[+?0_00PQR___/37;___]^.>O___;8
`
end
```

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: bobhigh@primenet.com (Bob Hightower)  
Subject: [3286] FOX Tuesday Nite  
Message-ID: <199601241351.GAA29146@usr3.primenet.com>

FOX heard here around Phoenix, but no luck in getting him. Too much QRM, and a digital sig right on top of him. Maybe a little more distance either side of 7040? That is, after all, supposed to be the calling freq, and people were calling...and staying on and so forth. Maybe tonight.

73,

Bob KI7MN NorCal #1228, qrp-ARCI #8918, qrp-l #271

From qrp-l@lehigh.edu Wed Jan 24 21:30:50 1996  
From: PDouglas12@aol.com  
Subject: [3313] Front/rear artwork for HB  
Message-ID: <960124115844\_125870639@emout05.mail.aol.com>

Gang,

Between projects this past weekend, to avoid cold turkey altogether I got it in my head there might be a way to make front panel artwork with just the built-in Windows Paintbrush program in Win 3.1. Guess what. It works, and very well too. Now, I have a Canon 600e Color printer, which is a good middle-quality ink jet. You oughta' see what comes out of it on plain paper.

Now, I am going to get me some good transparency stock at Staples (\$17.00 for 25 sheets--ouch!). Paintbrush has a flip function that will allow printout of the art in mirror (our resident graphics genius a/k/a Chuck has a program that he tells to do something like "-1.0 horizontal inversion" --well, Chuck, we can do it without knowing very much!). Printed inverted, I ought to be able to put the panel on the backside of the transparency, so it shows through perfectly, and cover the back with cheap lamination stuff.

Then just make holes where the controls come through, remove the control nuts, slide on the nice stiff card you just created, put back the nuts, and you are done, done.

Anyway, I am working on a HB project and also will have a nice color panel set for the NorCal Sierra by this weekend--I missed out on the original (generous) offer of a free paint job for mine. Photostats of the panels from the manual, covered in laminate are being used now. But the new panels will be in full color and way way nicer. Others may be similarly situated. I will be glad to send the art by email attachment or even do them up, except the materials are expensive. Well, there can't be that many of you out there. Give me a few days to get the thing tried out, and I will consider making a few extras for those that need 'em. One problem is that I have the KC1 in my Sierra and an S-meter and VBT (Thanks Wayne for all the great mods!--all on the front panel. But it is trivial to leave these additions off.

Dedicated homebrewers with color printers are missing a very good method for making label/panel art if they ignore the built-in capabilities in Windows.

Even cheap and dirty jobs using copy paper covered with laminating acetate come out looking better than the silk screened panels of some ready-made kit panels. Try it, you'll like it, and if you are one of those cheap hams (ha ha, who isn't) and you already have a color printer, you can do stuff you can't believe.

72, Preston WJ2V

From qrp-l@lehigh.edu Wed Jan 24 21:30:50 1996  
From: ae4ic@nr.infi.net (BOB KELLOGG)  
Subject: [3328] help TS-520  
Message-ID: <199601241929.0AA25283@moe.infi.net>

Gang,

I, too, am having a weird problem with my Kenwood TS-520. (the transmitter turns on when I plug a keyer into it. Straight key works OK. 20 Kohm resister will key it) I rarely use it, but it would be nice if it worked right.

Can anyone tell me if there's a group similar to QRP-L that could help me with the old Kenwood?

73,

Bob Kellogg, AE4IC  
Prolably, but not nececelery. - Benny Hill

From qrp-l@lehigh.edu Wed Jan 24 21:30:50 1996  
From: ae4ic@nr.infi.net (BOB KELLOGG)  
Subject: [3338] Help TS-520  
Message-ID: <199601242225.RAA03437@moe.infi.net>

Thanks Gang,

I got more help than I know what to do with! I thought this was a QRP forum! The TS-520 is a QRO rig! What a great group.

Many thanks to all who wrote.

73,

Bob Kellogg, AE4IC  
Prolably, but not nececelery. - Benny Hill

From qrp-l@lehigh.edu Wed Jan 24 21:30:50 1996  
From: David Adams <dave@flowserver.stem.com>

Subject: [3279] Help. Death part 2  
Message-ID: <9601240817.AA08200@flowserver.stem.com>

Greetings! It occurred to me to try SSB on the 520. My only option at this time of day is 40m and an indoor antenna with 100W on sideband at 0800Z is often futile, but worth a shot. I tuned up and found a station in Co. I called and he heard me first go, but my sig was too weak to give any definitive comments on audio. From my end, power output was fine and (from watching the wattmeter needle, appeared to be the usual smooth waveform. Maybe this info is helpful, does anyone have the 520 service manual?

Again, help...

Dave

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: David Adams <dave@flowserver.stem.com>  
Subject: [3280] help. death pat 3  
Message-ID: <9601240819.AA08204@flowserver.stem.com>

I just read my previous two messages as they came back from the list. All I can say is that it's late, I'm exhausted and I apologise for the terrible grammar and copious typos. C'est ma faute...c'est ma tres grande faute...

73 de dave..and good night

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: David Adams <dave@flowserver.stem.com>  
Subject: [3278] Help. My station died.  
Message-ID: <9601240759.AA08185@flowserver.stem.com>

Greetings! Murphy has been camping out at my local lately and this evening decided to take my main rig (TS-520) out.

I appeal to the wisdom of the net:

The situation...rig worked fine last time I used it. (Always the case).

This evening I was having no luck on the hw-9, so I flipped on my 520 (ac powered). I tuned the rig into my resonant 40 m indoor

wonder-dipole-arama. I then proceeded to call qrl? I hadn't heard anything prior to tuning, but I'm certainly not going to start calling cq without asking...

Anyway, first thing I noticed was a total lack of sidetone. Tried again still no sidetone and the relay was kicking off mid-letter. I checked the meter for output and it was there...and mostly if should be, but the meter needle kept flutter on each dit and dah, so I can only imagine the outgoing wave form. I tried retuning to no effect. Swapped to a manual key, to no effect. Tried other bands and they all had the same problem.

Now, as I've often said, I'm an Immunologist rather than an EE. I can work out a qrp cw rig, but the 520 has me a bit daunted. Anyone have any pointers on where to start troubleshooting (Don't hit the panic button folks, I've worked on quite a few tube receivers, so don't let the tube finals worry you...I know my way around tubes and hv safely (I work with lasers every day)). Barring any good troubleshooting tips, does anyone know of a competent repair man in the SF/south bay area who can competently repair this without charging copious amounts of labor charges such that I may as well buy a new rig (Ideally some qualified ham in the area who could fix this and let me hang out during the fixing and learn would be appreciated.)

Help...please...dave

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Goran Hosinsky <hosinsky@royac.iac.es>  
Subject: [3333] How do I suspend the list?  
Message-ID: <9601242011.AA14785@royac8.royac.iac.es>

Sorry for the noice but I want to go away for some time and avoid overloading the mail system during this time. I believe there is a 'suspend' or similar command but cannot find it in the help file.

Goran ea8yu hosinsky@royac.iac.es

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: bmitchel@kodak.com (Brad Mitchell)  
Subject: [3309] kent paddles  
Message-ID: <9601241429.AA02255@iiatasun.cba.Kodak.COM>



Well, I have my kent paddles.

I think they are great! Much better than the heathkit 1410 that I have been using for 20 years or so..

The best feature of the kent paddles in my opinion is the plastic paddles themselves. The shape allows for the thumb to ride right on the top, and the fore finger can droop low like I want. with the symmetrical bencher key, I never liked the point part at the top of the key.

Lotta though behind that , or it's a lot good luck on someone's part.

73 Brad WB8YGG

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Thom.LaCosta@f0.n105.z105.fido261.qis.net (Thom LaCosta)  
Subject: [3318] Keyer  
Message-ID: <258\_9601241248@fido261.qis.net>

Hello All!

Thanks very much to all of you who took the time to send e-mail ref sources of keyer parts/kits.

Really appreciate your help...now I'll pick one of the suggestions and get the ole Brown Brothers back hummin'

Thom LaCosta

N3WDV

--

|Internet: Thom.LaCosta@f0.n105.z105.fido261.qis.net  
| Standard disclaimer: The views of this user are strictly his own.

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Mike.Czuhajewski@bbs.abs.net (Mike Czuhajewski)  
Subject: [3268] Last call, QRP Hall of Fame  
Message-ID: <1996Jan23.225715.2100@abs.net>

For QRP ARCI members--the deadline is almost here for nominations for

the QRP Hall of Fame for 1996. You have until the end of January to get a nominating letter to me if you feel someone is worthy of induction. While anyone can be nominated and receive the honor, only members of the sponsoring organization, the QRP ARCI, can submit nominations. Please include your member number if you send one. Since time is short, you can send it via e-mail. If you already sent one and did not get an acknowledgement from me, I did not receive it--contact me immediately so we can work it out.

I can guarantee that after the winners for this year are announced, I'll get at least one or two letters or e-mails asking why so-and-so wasn't inducted. Maybe the accomplishments weren't considered great enough, perhaps the person WAS worthy but the nominating letter wasn't well enough written to "prove" it, or maybe no one even bothered to send a nomination in the first place! If you think someone has done really great things with QRP, or for the QRP community, and is worthy of being in the QRP Hall of Fame, here's your last chance for this year to nominate them.

The last day of January is the deadline; write up a couple of short paragraphs explaining why they are worthy of the honor, "prove" it to the voting body, and send it to me, the Hall of Fame Honcho. The voting will be held in early February, I'll have the solid walnut plaques for the winners in hand a couple weeks after that, and I'll bring them to Dayton where the new inductees will be honored at some QRP function (probably the Friday night banquet).

Current members of the QRP Hall of Fame, inducted in 1992, are (in no particular order) Doug DeMaw, W1FB; the Rev. George Dobbs, G3RJV; Randy Rand, AA2U, and Roy Lewallen, W7EL. I ordered Roys plaque yesterday to see if the design works out well; in a few weeks I'll order them for the other three as well as those who "pass muster" this year. Here's your last chance to try and add someone to the list!

73 and Queue Our Pea DE WA8MCQ QRP Hall of Fame Honcho  
wa8mcq@bbs.abs.net

--

Mike Czuhajewski, user of the UniBoard System @ abs.net  
E-Mail: Mike.Czuhajewski@bbs.abs.net  
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA  
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: phil.heaton@wa4bro.atl.ga.us (PHIL HEATON)  
Subject: [3348] Low Bander Update!

Message-ID: <8B9746F.01FA0017EC.uuout@wa4bro.atl.ga.us>

Thanks to all who replied. The beacon was owned by W3WI in Pickens, SC. That's about 77 miles from my QTH. I sent him a QSL and he returned with a "WI" QSL card. He says there's a net for LowBanders on nightly around 1983 kHz. I posted this message in lots of conferences, but you guys were the only repliers.

73 de Phil, KE4KRT

\_\_\_ Blue Wave/QWK v2.20

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: af852@rgfn.epcc.Edu (William R Colbert)  
Subject: [3342] Maxwell Book  
Message-ID: <9601242331.AA28160@rgfn.epcc.Edu>

Roger and others, I bought a copy a few months ago, along with the software, from the ARRL Publications section. The ARRL number is 2995. I could not find a listing in the latest ads in QST, so not sure if ARRL has discontinued the book. May be worth a call to ARRL HQ and check. 72/73

--

Ray Colbert, W5XE/V31XE, El Paso, Tx

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Mike.Czuhajewski@bbs.abs.net (Mike Czuhajewski)  
Subject: [3272] N8ET coming to MD MW turf  
Message-ID: <1996Jan23.232719.2842@abs.net>

N8ET, Bill Kelsey is coming to the turf of the Maryland Milliwatts and we're going to meet him somewhere for supper. He'll be coming some time on Sunday, will be here for a few days, so we'll probably shoot for Mon, Tues or Wed night, somewhere in the Silver Spring, MD area. He'll be in DC somewhere, and considering the locations of those most likely to attend, Silver Spring should be a good compromise. He hasn't sent me details yet, but as soon as I have them I'll start contacting those who are interested. The deal will be the same as usual--pick him up and go to supper somewhere, bring along some of our rigs for show and tell, etc. Anyone interested? Let me know. 73 and Queue Our Pea

DE WA8MCQ wa8mcq@bbs.abs.net

--

Mike Czuhajewski, user of the UniBoard System @ abs.net

E-Mail: Mike.Czuhajewski@bbs.abs.net

The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA

Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-l@lehigh.edu Wed Jan 24 21:30:50 1996

From: Mike Rioux <mrioux@ftp.com>

Subject: [3303] Need advice on mini-dxpedition

Message-ID: <MAPI.Id.0016.0072696f757820203443424130303838@MAPI.to.RFC822>

Hi all!

Just received my call for Belize. It's V31RN. I will be going there with some other ham friends from Feb 26th to March 3rd. I intend to operate all SSB.

Also RS-12. V31PL and V31FC Bob and Jim will be operating CW. At the present time we have no real operating goals except to have a good time.

In our past trips, we have QSL'd 100% via the buro. If you have an envelope at the buro, you get a card automatically; you don't need to send one. If you

want a card in a hurry, an SASE will do. We intend to make sure we ask for

QRP'ers during our operating. We will be using dipoles and verticals.

No more than 100W. Requests for 2X QRP will be tried.

Questions: should we concentrate on WARC bands? More RS-12? More CW?

More SSB? Any comments from the qrp list will be appreciated.

Thanks, Mike

Norcal, QRP ARCI, NE-QRP, G-QRP, QRP-L, etc.

Michael Rioux, NW1J 508-659-6347

FTP Software, Inc. FAX: 508-659-6112

2 High St. mrioux@ftp.com

No. Andover MA 01845

From qrp-l@lehigh.edu Wed Jan 24 21:30:50 1996

From: kreinbd@ccgate.dl.nec.com (David Kreinberg)

Subject: [3311] NO FOX

Message-ID: <9600248225.AA822509242@smtpgw.ccgate.dl.nec.com>

No sign of the fox at my QTH in Dallas area.

Did work two QRP-QRP Q's around the fox hunt time,

though.

Worked WB3AAI, Lou, in PA him 569 - me 559  
Also, K5FY, Bruce, in VA him 559 - me 549  
Hey Chuck, any chance you might know K5FY ?  
His call is super close to yours :-)

72 de Dave KK5HA

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)  
Subject: [3312] NO FOX  
Message-ID: <9600248225.AA822509389@smtpgw.ccgate.dl.nec.com>

No sign of the fox at my QTH in Dallas area.  
Did work two QRP-QRP Q's around the fox hunt time,  
though.

Worked WB3AAI, Lou, in PA him 569 - me 559  
Also, K5FY, Bruce, in VA him 559 - me 549  
Hey Chuck, any chance you might know K5FY ?  
His call is super close to yours :-)

72 de Dave KK5HA

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: AA6UL@aol.com  
Subject: [3344] Noise canceller circuit?  
Message-ID: <960124184210\_126168026@mail04.mail.aol.com>

In Feb QST (p.78ff), the product reviewer describes the operation of the JPS antenna noise canceller:

"The unit performs its magic by comparing two signal sources. The first, originating primarily via the main antenna, contains the desired signals and unwanted RF noise.  
The second, arriving via the noise-sensing antenna, consists mostly of unwanted RF noise. ...You set the NOISE GAIN control so noise from the noise antenna jsut equals noise from the main antenna,...(and)...adjust...the NOISE PHASE control until the two noise sources are 180 degrees out of phase. The two signals enter a hybrid combiner, where the noise components cancel out."

Anybody have a circuit for such a device? I'd really like to build something

like this.

Ralph AA6UL/4  
Charlottesville, VA

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>  
Subject: [3289] OHR Explorer II  
Message-ID: <199601241408.AA10990@aplo1.spd.dsccc.com>

Greetins and salutations to all you wonderful QRP'ers.  
Isn't it a beautiful morning!

Just thought I would let everybody know, that the Explorer II  
is finished, done, complete, etc... Smitty, NA5K, has offered  
to align it with me. Then I just need a license, and that should  
be here soon enuf.

Now for the good news.

- (1) All of the parts were in the bag.
- (2) The instructions were adequate.

Now for the bad news: I had to wear glasses to do it. To solder  
those tiny wires into those wee little holes, I had to wear reading  
glasses. To bring together the tip of a soldering iron and the  
end of a piece of solder at the point where the wire entered the  
hole was a real test.

Charles Cashion

--

```
+ - - - - - +  
| Charles Cashion   w.214-519-2583   h.214-881-0952 |  
| ARRL  NorTex#116  NorCal#1320  ex-W5ISZ  QRP-L#76  |  
+ - - - - - +
```

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: George.Gingell@bbs.abs.net (George Gingell)  
Subject: [3320] QRP ARCI RENEWAL  
Message-ID: <1996Jan24.131809.20756@abs.net>

Brian,

I am a bit late in sending this note. I was off on long weekend.  
I will send it this afternoon. I saw a reply Sunday from K5F0.  
But, Just in case you missed his complete report, here you go.  
From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996

From: bmitchel@kodak.com (Brad Mitchell)  
 Subject: [3300] R2 Noise figure reduction  
 Message-ID: <9601241501.AA02529@iiatasun.cba.Kodak.COM>

I was reading the QST that I got, and noticed that kk7b had an article regarding the error of his ways in noise figure meaurement. I also skimmed it and found he had some suggestions for modifications .

Wonder if these will get in the artwork ?

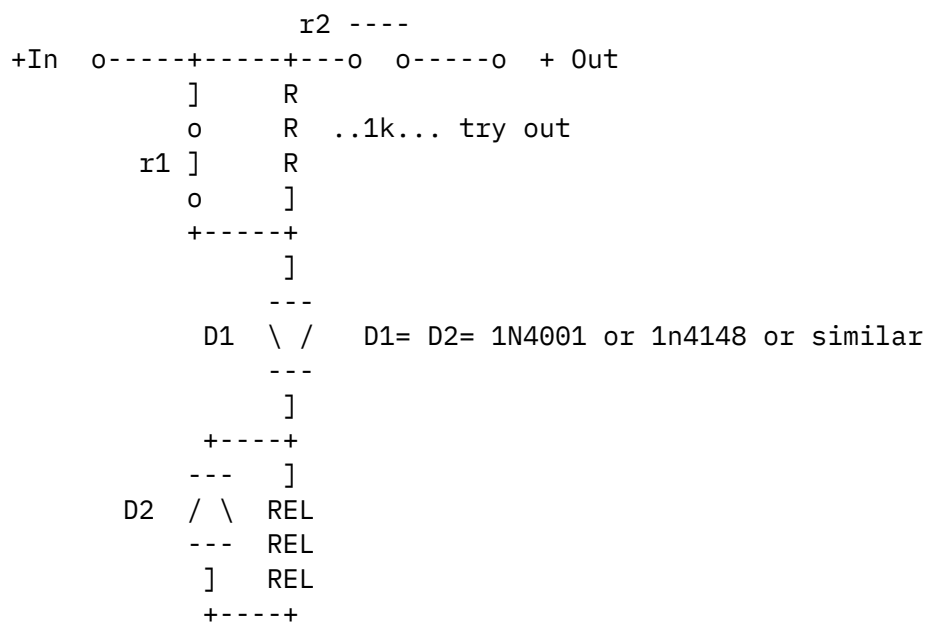
One of these years I'm going to build an r2 so that I can enjoy the beautiful D.C. cw signals.

73 Brad WB8YGG

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
 From: Urs Schlegel <schlegel@ccgate.ari.ch>  
 Subject: [3277] Reverse polarity  
 Message-ID: <9601240843.A14293@ccgate.ari.ch>

To QRP-L

An other relay circuit to protect the rig from reverse polarity. It consumes less power but needs a relay with two contacts.



]
---

r1 is normally closed, r2 normally open. If power is applied, r1 opens and r2 closes. The resistor R limits the amount of current flowing to the relay. The value is dependent from the resistance of the relais and has to be optimized so that the relay just keeps closed. The relay needs more power to get switched (that's finished just before r1 opens) then it needs to stay switched. D1 prevents from reverse polarity without adding a voltage-drop to the voltage going to the rig. It therefore has not to be a Schottky diode. D2 is the "discharge" diode as usual. Just an idea. Hope it helps.

72 de HB9HAU    Urs    schlegel@ccgate.ari.ch

From qrp-1@lehigh.edu    Wed Jan 24 21:30:50 1996  
From: RHILTO@acxiom.com  
Subject: [3341] Re[2]: SPEAKING OF OLD RIGS....  
Message-ID: <106b3a60@acxiom.com>

Bob (the other Bob, n3mby) writ:

> This is really a boatanchors topic, as is the TS-520 subject  
>matter,

Not necessarily so... a ts-520 can function quite well as a pseudo-modern qrp rig. Not exactly backpackable, slightly high current draw, missing the WARC bands, but it makes a GREAT first radio and served nicely as my intro to "real" ham radio (that's qrp cw, natch).

7.3,    ki5ez  
Bob



From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)  
Subject: [3335] SPEAKING OF OLD RIGS....  
Message-ID: <9600248225.AA822524989@smtpgw.ccgate.dl.nec.com>

Gang:

I have a Heathkit SB-102 transceiver (80-10M, 100+ watts) which I bought a few years back. It is in overall fair condition. TX/RX very well (rx is VERY hot) on all bands.

The only thing that is marginal (and this is a real biggie) is VFO stability. As I tune, the vfo produces a "wobble" which (as you can guess) is especially bad on CW. If I tune slowly, I can minimize, or avoid this "wobble" effect.

My post here is two-fold:

1. Is there a known Heathkit repair outfit that anybody has experience with? The VFO is a sealed device, and try as I might, I can't get inside of it for a look see. With my luck, this is probably an obsolete part, but there might be some repair places that have some from scrapped units?
2. Is it worth getting fixed? I'm guessing that this is a circa-early '70's rig and for its time was a decent, heavy-duty rig. If I spend \$200-\$250 to fix it up, would this be a worthwhile deal to keep a "classic" in my shack? Or, should I keep what I have and put the repair money toward a Scout, QRP+, etc.

Thanks for any info you all can give. As always I know I can count on this group for honest opinions/answers.

72/73 de Dave KK5HA  
QRP-L #25

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: af852@rgfn.epcc.Edu (William R Colbert)  
Subject: [3330] Statistics  
Message-ID: <9601241933.AA20849@rgfn.epcc.Edu>

Interesting thread. I do a fair amount of SWL on the with foreign BC stations

and have always listened to the external services of other countries  
for a fair, rounded view of the news. I guess that is one reason those less than  
accurate  
news items are perhaps one reason that the U.S. still has a law on  
the books making it illegal for U.S. citizens to obtain or pass  
along information from the U.S. Information Service outlet - Voice of  
America. You can listen, but cannot obtain any information on their  
programming content unless you have it mailed to a non-U.S. address.

QRP info - for Stuart - one of my favorite BA qrp rigs is the Hallicrafters  
HT-18 VFO-Exciter. Covers 80-10, with a 6L6 final, 6BA6 osc , 6BA6 Buffer  
and 6BA6 reactance modulator. Runs between 2.5 and 4 watts, depending  
on band. Very stable. All boatanchors are not the size of a BC-610  
or T-368, but do require a hollow cavity with a hot emitter. with enclosed  
collector, base  
and a hot, glowing emitter. 72/73

--

Ray Colbert, W5XE/V31XE, El Paso, Tx

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [3337] Stats es Stuff  
Message-ID: <199601242051.UAA00394@chuck.dallas.sgi.com>

Gang,

I don't ever remember doing this, but there's always a first.  
The following is something that came from rec.radio.amateur.misc.  
and reproduced here for another data point and stop the play  
on statistics. Not that will ever happen. :-)

For the network police: read until the end before you come after  
me. :-)

Definition: QRPer - any ham using 5W or less in ANY MODE on  
the ham bands. (Implied within this  
definition by yours truly is that without  
the aid of another rcvr/transmitter combo  
between thee and me, thus eliminating  
repeater and satellite combos. Sorry.  
This will irritate the heck outta some and  
I will hear about it from now on, but so

be it.)

-----cut here-----

Article: 97955 of rec.radio.amateur.misc  
From: k0hb@hamlink.mn.org (Hans Brakob)  
Newsgroups: rec.radio.amateur.misc  
Subject: The Whole story!  
From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: "Harvey D. D. Hetland" <HDHETLAND@paccd.cc.ca.us>  
Subject: [3275] Ten-Tec 6m transverter (bit long)  
Message-ID: <B1692816BE1@manage.paccd.cc.ca.us>

Regarding the discussion on this subject, I have also built the Ten-Tec model 1208 transverter. The kit appears to be high quality and the instructions are quite good. The only problem I had is that the 36.000 MHz oscillator will only adjust to within 300 Hz of the exact frequency, so I have a 300 Hertz error in the readout. I will correct that when time permits.

I have not used it much, because I do not have an antenna for 6m at the house yet. I have tested it using an OHR 400 and a Ten-Tec 555 (Scout) as the exciter. With 5 watts out of either exciter I get close to 10W output at 50 MHz as indicated on an OHR wattmeter.

I took the Ten-Tec 1208 transverter and Scout up to grid DM-15 for the VHF party. Using a 5/8 wave vertical on a 30 foot mast I managed to work into DM-03. I could hear stations from Los Angeles and San Diego much better than they were hearing me. Next time I'll take my 6 element beam and better coax. I have some reason to suspect the coax I used for this little trip. I was impressed with the sensitivity of the receiving converter when mated with the Scout. I have not measured the sensitivity, but I plan to do so in the near future. The Scout measured 0.23 uV for 10 dB signal plus noise to noise in the SSB bandwidth. I plan to build the 2m transverter as advertised in the February QST.

As for the Scout that is a different, long story. The PTO is mechanically inadequate. I have added some sheet metal to improve the mechanical stability, but the PTO really needs some kind of thrust bearing on the shaft. The frequency cannot be adjusted while mobile without considerable frequency instability due to shaft end-play. Has anyone corrected this problem?

73, Harvey, N6MM.

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: PAT DOYLE <DOYLEPS@LAKEHURST.NAVY.MIL>  
Subject: [3288] Ten-Tec 6m transverter (bit long) -Reply  
Message-ID: <s105f37d.099@LAKEHURST.NAVY.MIL>

I was part of the South Jersey Radio Association  
(K2AA) FM29 station this past weekend. We were  
using the MFJ 6 meter Xvtr to a 3 ele horizontally  
polarized beam at 30 feet. Ended up with 13 grids  
(Can't remember the QSO count). The Xvtr  
performed nicely.

Too bad band condx did not come around until  
Monday and Tuesday night and that there are no  
workable grids (aside from Delaware (FM28)) to our  
south and east.

Makes things more challenging...

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: flanders@GroupZ.net (Jerry Flanders)  
Subject: [3271] Ten-Tec Ad  
Message-ID: <199601240426.XAA37111@nss2.CC.Lehigh.EDU>

Page 129 February QST Advertisement from TenTec  
..

.. 6 Meter FM Transceiver  
Same features as 2 meter model. Covers 51.095-54.1MHz.  
1260 .....5 watts out.....\$195  
(sorry, FCC rules forbid sales of add-on power amp)

MAYBE THIS IS A "NEW AND IMPROVED" WAY OF SAYING THAT THE 6 METER  
AMP FAILED THE FCC'S "TYPE APPROVAL" TESTS ???

Jerry Flanders W4UKU South Carolina flanders@groupz.net

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: dgf@netcom.com (David Feldman)

Subject: [3306] TS130V to 5W out?  
Message-ID: <199601241558.HAA14321@netcom7.netcom.com>

Any info on calibration of TS130V to 5W nominal out vs. stock 10W, other than reducing the front panel CW drive & mic gain controls?  
73 Dave WB0GAZ dgf@netcom.com

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: prvalko <prvalko@Oakland.edu>  
Subject: [3299] Tue FOX HUNT Results  
Message-ID: <Pine.OSF.3.91.960124092241.31611C-1000000@saturn.acs.oakland.edu>

Sheeze...

I'm sitting here reading the email (all 65 msgs) this morning and here are all these guys that say they heard me but I could not hear them.

Rotten QRM, as the Old Man used to say.

Here's my sorry excuse for a log:

2:11 AB50U 559/229 Tim NM Tim's first in line right at the gong  
I was foolin' with the &&\$!@# memory  
keyer for the first 9 minutes.  
2:14 N6ULU 339/229 Stan CA Stanmeister's 3el yagi comes through  
once again. Keep in mind Stan never  
gives out a better report than he  
receives :-)  
2:20 AK5B 559/539 Bob TX  
2:29 WB5IRI 579/559 Doug TX Big sig, even heard at WB8E  
2:59 K2NF 559/569 Norm FL  
3:00 WA8ZOF 559/559 Phil MI Phil is a local, we belong to the same  
club, I think he heard me talking  
about the FOXHUNT on the repeater  
3:01 W5HNS did not come back after I sent his report  
\*\*\*\*\*NOVICE BAND\*\*\*\*\*  
3:15 W5XE 339/559 Ray TX Just as I was about to QSY to 7040  
3:21 W5HNS 559/449 Henry TX If at first you don't succeed... :-)  
3:30 KK6MC 559/449 ? NM  
3:36 KK6MC/5 He recalled me because he did not get my report, I should  
have asked his name!

ALSO HEARD but no signal report received in return

NQ7T 339

N4BMX 579

Well, there goes my prize as a fox :-)) 18+9=27 and a couple other foxes worked that many folks on there first time out!

Maybe next year?

73! =paul= wb8zjl

Say Chuck, how's about posting an updated standing?

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Rileyks4xs@aol.com  
Subject: [3276] Tuesday Fox  
Message-ID: <960124000519\_404862564@emout04.mail.aol.com>

Gang:

My first QRP Fox hunt. Heard him once over the QSB and XE stations, but he didn't return my 1 watt call.

Oh well...always tomorrow. Tnx Paul for the fox!

Scott KS4XS

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: bhopkins@polarnet.com (Bruce Hopkins)  
Subject: [3353] US G-QRP Address ???  
Message-ID: <v01530503ad2c928dea4b@[204.119.24.159]>

Hi Gang,

There should probably be a counter on this Question... I have looked in the archives but it seems to have escaped me... What is the G-QRP contact in the states and what are the current dues to join etc... Thanks in advance for the info...

1 hour and 30 minutes of white noise interspersed with occasional HF packet, is that my ears ringing or did I actually hear the fox tonigt??? I'am trying!!! DIT...DIT...

72/73/00's - Bruce \* KL7JAF

QRP-L #380    ISSB #14548  
McPig #003    TFO - 359  
E-Mail: bhopkins@polarnet.com  
BBS: KL7JAF@KL7GNG.#NAK.AK.USA.NOAM  
Snail Mail: B. Hopkins / P.O. Box 10079 / Fairbanks, AK. / 99710

From qrp-l@lehigh.edu    Wed Jan 24 21:30:50 1996  
From: Bill Acito 24-Jan-1996 0922 <acito@asdg.ENABLE.dec.com>  
Subject: [3293] Verticals  
Message-ID: <9601241427.AA14190@us1rmc.bb.dec.com>

I've been using a Butternut vertical with good success. Wanting to expand my WARC band access, I've ordered a Gap Titan, due mid-February.

Since my question of which one is best brought out a lot of folks on both sides of the fence a month or so ago, would there be any interest by the readership of QRP-L, 72, QQ, or QRPP to do some kind of comparison article? Is there a way for a ham without a basement full of test equipment to do this type of analysis? What things would you be interested in seeing compared? On the air reports?

To save bandwidth, direct e-mail preferred.

And please, no offers for the Butternut... not yet anyway. :-)

b

. . . . . - I own my own words - . . . . .

Bill Acito  
acito@asdg.enet.dec.com  
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS ... qrp-ne ... qrp-l ... qrp-arci ... norcal ... arrl life ...

From qrp-l@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Roy Boggs <rboggs@pcc-uky.campus.mci.net>  
Subject: [3296] Worked Nicaragua wid SW40 this A.M.  
Message-ID: <2.2.32.19960124143528.00683614@pcc-uky.campus.mci.net>

Hello gang,

Just snared my farthest contact (14:18 UTC) wid the SW40 - YN1TW, Alex, and got 559!! He was 579 with with heavy QRM and some whoooooo-whooooo in his tone. Antennna was 160 mtr. inv-vee (tuned feeder,tuner) es battery power. Better than sex. He said keep up gud work on QRP. Newbies take heart! Dave Benson I could hug your neck (whoa, just kiddin').

-----  
Roy Boggs 377 Stumbo Subdivision, Prestonsburg, KY 41653  
E-mail: rboggs@pcc-uky.campus.mci.net  
-----

From qrp-l@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Roy Boggs <rboggs@pcc-uky.campus.mci.net>  
Subject: [3298] Worked Nicaragua wid SW40 this A.M.  
Message-ID: <2.2.32.19960124144421.0068ed48@pcc-uky.campus.mci.net>

Sorry, used wrong signature file (without callsign).

-----  
Roy Boggs KE4KDT, Prestonsburg, KY - QRP-L #322 - rboggs@pcc-uky.campus.mci.net  
-----

From qrp-l@lehigh.edu Wed Jan 24 21:30:50 1996  
From: "J. Skalski" <jskalski@acsu.buffalo.edu>  
Subject: [3340] WTB "Brain dead" HW-8  
Message-ID: <Pine.SOL.3.91.960124171930.22942B-100000@autarch.acsu.buffalo.edu>



I am restoring an old grief-kit HW-8 and need a case, as both top and bottom shells were cruelly removed before I acquired the radio. I brought it back from the dead..... Looking for a brain dead donor. (brain dead HW-8, of course :-) Thanks for any leads.

73,

Jim N2GO  
The Buffalo QRP CONNECTION  
ARCI #9013 QRP-L #381  
jskalski@acsu.Buffalo.EDU

From qrp-l@lehigh.edu Wed Jan 24 21:30:50 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [3301] Re: 30 Meter QRP Freq??  
Message-ID: <199601241458.0AA28668@chuck.dallas.sgi.com>

Dennis et.al.,

The official QRP ARCI 30M freq is 10.106MHz. You should start there.

The people in EU have been complaining that there is a QRO signal at 10.106MHz, probably the same one we here in the USofA when the band is really good. I chose above 10.110MHz 'cuz I like to snuggle up against the digital droids and sometimes get run over by them. But in defense of the digital droids I must say they do a better job of staying above 10.125MHz on 30M than they do staying above where they are supposed to on the other bands. IMHO. If we can get 30M back to where it was last summer, and it was great, then we'll have our friends back at 10.106, 10.108, and 10.112MHz where the 8KW or better commercial stations were.

Oh, I first heard the term "digital droid" from someone on this group in a QSO on the air. You know who you are, fess up. :-)

The "QRP Calling Freqs" are just that - suggested frequencies for QRPers, young and old alike, to get on the air in hopes of working someone of like power levels, but we all just need to get on everywhere in everymode and show what we can do with a little more patience and a little more skill. Isn't that the name of the game? I spend time wherever I can get someone to chat with. That's the

function of a VF0/VX0 anyway. :-)

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-l@lehigh.edu Wed Jan 24 21:30:50 1996  
From: bmitchel@kodak.com (Brad Mitchell)  
Subject: Re: 30 Meter QRP Freq??

Chuck Adams (K5FO CP-60) adams@sgi.com

Wrote:

lot's whacked...

our friends back  
at 10.106, 10.108, and 10.112MHz where the 8KW or better  
commercial stations were.

FYI: 10.108 stinks here in the east. (Digital Stuff)

I have talked to most qrp-lers on 10.116 or 10.118

Regards, Brad  
WB8YGG

-----EOT-----

There is a move on in EU to move the QRP calling frequency  
from 10.106MHz to 10.116MHz from what email I've seen from there.  
Also what is on the gqrp-l group.

I listen at 10.106MHz first and lower to see if there is any  
juicy DX and then I move above 10.112MHz out of the path of  
incoming commercial stuff if the band should open up. I'll  
do a plot of the frequency distribution of contacts from the  
last year on 30M and see if there is any pattern. Others may  
want to chime in and give there patterns also. It'll help  
others that might want to get on 30M where they haven't been  
before.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: "rohre" <rohre@arlut.utexas.edu>  
Subject: [3319] RE: An overall troubleshooting start  
Message-ID: <n1389637046.50383@msmailgw1.arlut.utexas.edu>

Dave,  
Sorry I can't supply a service manual; but I can suggest two basic troubleshooting steps: 1) Check the Power supply, using a scope if possible.

What you are checking for here, which can be done with DVM or VOM, is ripple in the DC. Set DVM for AC and a low volts scale, any 180 Hz ripple should show up, and the DC high voltage is safely blocked. Observe all the safety precautions of hooking up with clip leads with power off, then turn power on and observe the meter. Since this is a tube final rig, I am not sure if full wave tube or a solid state bridge rectifier is used. If ripple is higher than normal regulated value, you could have lost one leg in a bridge. Anyway, checking DC is always needed for QRP or QRO problems. Many seemingly unrelated symptoms trace back to bad DC power. Now the fact that it worked on SSB, may only mean it is getting distorted DC.

Of course, all of the problem could be in the CW circuits. Open up and, 2) Look for obvious damaged parts, then divide and conquer, split the circuit in half, and see which half has normal operation, or test point readings. Keep dividing in half until on one side of the division point things work ok, and do not work on the other half. Between those two points, is the problem. This is called the half split method of time saving trouble shooting advocated by instrument maker Hewlett Packard Corp. and used in industry for years. Much faster and more methodical than end to end signal tracing, which can lead to confusing multiple symptoms. Of course, for this you will need the service manual. There are a number of places you can get manual reprints, if you don't get a reply on that, let me know. One or more advertise in the classifieds in QST monthly.

GL, Stuart K5KVH  
rohre@arlut.utexas.edu

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Bill Acito 24-Jan-1996 1057 <acito@asdg.ENABLE.com>  
Subject: [3307] re: Antenna Help  
Message-ID: <9601241557.AA21811@us1rmc.bb.dec.com>

Put in a coax transformer... cut a length of 75 ohm (not 50) coax to an electrical 1/4 wavelength... you'll need the velocity factor of the coax to calculate this (should be 20-30').

I can dig up transformers if you need them.

It gets installed between the loop and the 50 ohm stuff going to the rig.

I used a 40m loop at field day, tweaked it with a MFJ, and got almost 1:1.1 without a tuner. Worked very well.

b

. . . . . - I own my own words - . . . . .  
Bill Acito  
acito@asdg.enet.dec.com  
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA  
  
KC1GS ... qrp-ne ... qrp-l ... qrp-arci ... norcal ... arrl life ...

From qrp-l@lehigh.edu Wed Jan 24 21:30:50 1996  
From: "David D. Meacham" <ddm@datatamers.com>  
Subject: [3331] Re: Antenna Help  
Message-ID: <Pine.LNX.3.91.960124113520.12060B-100000@dt1.datatamers.com>

Brad,

18 feet is awfully low for the apex. Ideally all legs are equal, but mine has an apex of 37 feet & works fine. My bottom (horizontal) wire is 7 feet above ground.

The driving impedance should be roughly 115 Ohms. So you have over a 2:1 mismatch if fed with 50-Ohm coax, right off the bat. I suspect the squashed shape accounts for the rest of the SWR.

Suggestions:

- 1) Get the apex up to at least 35 feet.

- 2) Feed in a bottom corner with a 1/4-wavelength (electrical length) piece of 75-Ohm coax. Connect your 50-Ohm coax to the end of the 1/4-wave section. This should give you a very good match on 40 meters (only on one band).

72, Dave, W6EMD

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)  
Subject: [3321] Re: ARGO/SCOUT vs. QRP+  
Message-ID: <199601241828.NAA10506@dartvax.dartmouth.edu>

Ernie,

>  
> Now that you have had your Argo for a while do you agree that it has a  
> hotter receiver then the QRP+? I also find my Scout more pleasant to  
> listen to then the QRP+, but for in the field the 140ma receiver draw  
> of the QRP+ beats the Argo/Scout hands down. I have decided to keep  
> them both!

>  
> 72,  
> Bob White W03B  
> bob\_white@ccmail.aerosys.loral.com

>  
>  
Hello Bob,

You are so right,OM!!

I like some of the features on both rigs, and wish somehow that I could buy a rig that has the best of both worlds. I cant really comment on the Argo receiver yet, it's too early to tell. The QRP+ has great SCAF filtering and that does make up for some receiver short falls. The Argo can't filter out nearby signals like the QRP+ can. For every day use the SCAF has a slight advantage, CW is somewhat slower than in a contest. I use a DSP-9 filter on occasion but the CW must be faster to hold the compandoring action of the filter open. I will be using them both durring the Great Northeastern QSO party, on Feb, 3,4.

I'll be doing both SSB and CW, and will have the rigs side by side, using an antenna switch. I will use the mic, that came with each rig respectively.

The QRP+ is a lot of radio in a small box. It's great for field work, one

box, all bands and that's hard to beat. The Argo has an outboard accessory power jack that is use to power some other device. I use it for the light on my tuner, what a great feature for "Night Fightin".

I tail gate, rather than back pack when I go "Afield", so power consumption is not as restrictive an issue, as it is with hikers.

So, the jury is still out. Testing durring contest and field conditions will tell the tale.

Thank you for the note. I'll be in touch after QSO party.

de AA1IK                    N.E.-QRP-C. # 202    ( Lead by example, It is better to    )  
                             QRP-L member #95.    ( pull a string than it is to push it.)  
Ernie Gregoire  
RR 1 Box 221  
Canaan, NH. 03741

New England QRP Club, information  
available on request by sending me a  
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@VALLEY.NET  
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Stan Skelton <sskelton@c1n.etc.bc.ca>  
Subject: [3315] Re: Censorism?  
Message-ID: <Pine.3.89.9601240931.B5707-0100000@sparky>

Hear hear old chap!...Jolly good show there eh?...Lets preserve what  
precious smatters of anarchism we have left....  
TtFn...Stan VE7SKT (QRP-L #34)

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Jim Lowman <jlowman@iepsnet.com>  
Subject: [3346] Re: Censorism?  
Message-ID: <199601250023.TAA65408@nss2.CC.Lehigh.EDU>

At 08:45 AM 1/24/96 EST, you wrote:

>I can see not wanting to respond to a point, but  
>telling someone to take their thoughts elsewhere  
>is polarizing.  
>  
>If a topic is not of your interest, ignore it.

I haven't been following all of the discussion lately, but I haven't seen anyone being told to go elsewhere. There was a discussion a couple of weeks ago about splitting the list into several new lists for fox, contest results, propagation and the like, but nothing has come of it, thus far. There were good reasons on both sides of the argument, but the more compelling ones, IMHO, had to do with the sheer daily volume of mail from this list, and from those who get charged for connect time.

>I quit one local club because too many of the  
>members were uninterested in exploring more than  
>just a niche of what goes on around them. I hope  
>this discussion group does not follow that same  
>route.

Amen to that! Of the more active members in our local club, everything seems to revolve around packet. I have been joking lately about forming an amateur radio club. :)

72/73 de Jim - KF6CR

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: bmitchel@kodak.com (Brad Mitchell)  
Subject: [3297] Re: CODELESS TECHs ETC, ETC, ETC, ETC  
Message-ID: <9601241445.AA02392@iiatasun.cba.Kodak.COM>

My 2 cents.. If you don't like it, organize and snuff it out!

If you have a better idea, organize and promote it.

Don't give up, just because it exists, doesn't mean it always has to be that way!

I'll go for eliminating the code... once they decide to give a written TEST.. It's so wattered down now that even 10 year olds are extras that don't have a clue how the radio works. I guess that there are even tapes that promote the memorization method for ham radio. Oh no.. It's happening.. I'm going open loop...

soap box self destruct activated.

WB8YGG

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: aa7qy@primenet.com (Roger Hightower)  
Subject: [3274] Re: Fox  
Message-ID: <199601240542.WAA22353@usr2.primenet.com>

At 11:08 PM 1/23/96 EST, MR FLOYD E SMITHBERG wrote:  
>Heard the fox, WB8ZGL, on ~7039.9 under layers of QRM, QRN and the usual  
>QSB....At times he was a strong 339 near Phoenix and I called but was  
>never sure he heard me. I was going to try mW levels but soon went full  
>bore to 5W and still ND. Heard him again on ~7109.9 around 8:05 local  
>time and called but again...not sure if he heard me. Then looked back  
>around 7040 after 8:15 MST again but didn't find him and quit to give my  
>ears a break.

I also heard the fox hear in the Phoenix area, but couldn't get him to hear me. Finally gave up after a local started calling the fox and qrm'ed 7040. Please, guys...it's a hunt, not a sked, so just try to answer the CQ and not initiate the contact.

73, de Roger, AA7QY

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: prvalko <prvalko@Oakland.edu>  
Subject: [3291] Re: Heathkit HW-8 Poll: To build or not to build  
Message-ID: <Pine.OSF.3.91.960124091411.31611B-100000@saturn.acs.oakland.edu>

On Tue, 23 Jan 1996 Ptcandy@aol.com wrote:

> Build the sonofabitch  
> Peter N2KPY

NO NO NO NO NO NO NO Nooooooooooooo!!!! Keep it in the freakin' box!



I think he oughta bring it to Dayton so we could have this great debate right at the Daze Inn!! :-)

Or auction it off, Wouldn't **\*\*THAT\*\*** draw a crowd!!!

73 =paul= wb8zjl

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: paul1@wizard.ucs.sfu.ca (Paul Erickson)  
Subject: [3334] Re: help TS-520  
Message-ID: <9601242025.AA17201@wizard.ucs.sfu.ca>

>  
> Gang,  
>  
> I, too, am having a weird problem with my Kenwood TS-520. (the transmitter  
> turns on when I plug a keyer into it. Straight key works OK. 20 Kohm  
> resistor will key it) I rarely use it, but it would be nice if it worked right.

Sounds like a keyer/rig incompatibility. Which keyer are you using? There have been a number of articles in Hints & Kinks which provide alternative circuits to meet different rig keying needs. If you can't dig them up, I'll photocopy some articles for you. By the way, the simplest universal solution is to have the keyer key a dip reed relay, and then it should be able to key anything.

cheers, Paul  
VE7CQK  
email: paul1@wizard.ucs.sfu.ca

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: bmitchel@kodak.com (Brad Mitchell)  
Subject: [3282] Re: help. death part 1,2,3  
Message-ID: <9601241200.AA01238@iiatasun.cba.Kodak.COM>

Dave,  
I had a 520, never had this problem, but did have another.  
Oh well, this problem you are mentioning sounds ver much like  
a problem I had with another radio..

It's side tone went and the relay would not kick in very well.

I found, after a couple hours of tracking that there was a cap that was in the circuit that was intermingled between both the vox and sidetone circuits that had weakened. The vox circuit is used for both voice, and cw typically.

This cap if I recall correctly was a coupling cap for the charging voltage to keep that relay closed and to couple the sidetone to the audio amp.

Good luck! 520, my first non kit radio was a great rig!

73 Brad WB8YGG

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Richard E Robinson <rerobins@uncc.edu>  
Subject: [3284] Re: Marine Deep Cycle battery charging  
Message-ID: <199601241339.IAA29134@unccsun.uncc.edu>

At the suggestion of a local ham, I went to my local Walmart and plunked down \$39.00 for their deep cycle marine battery charger. It has an auto/manual switch for float or full charging, and is a nice hard plastic unit with a built in carrying handle. Bob has been using one to keep 2 identical 100 AH gel cells in parallel charged for 2 years. He says he leaves it on auto and forgets it. I have been using mine the same way for 3 months with no problems.

I'm not connected to WalMart in any way, just a happy customer.

73,

Rick Robinson kf4ar  
rerobins@uncc.edu

P.S. I was without power for 19 days after Hurricane Hugo in Sept. 1989. Ran my Argosy off of 7.5 AH gel cells that I charged at work. I learned to keep batteries and candles in stock 'cause you never know.

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Pat Taber <ptaber@logicraft.com>  
Subject: [3332] Re: news on shortwave  
Message-ID: <199601241958.OAA90141@nss2.CC.Lehigh.EDU>



>privilidges. Hey, with unlimited space above 50MHz why upgrade. Also with  
>the availability of commercial equipment that will operate 2M, 220 MHz, 440  
>MHz and even 1296 MHz without any trouble only encourages use of those  
>frequencies.

Our club has classes each week, mostly no-code. The General and Advanced  
are offered as demand dictates. We don't have a lot of takers for the  
latter, but  
I think there are five in our General class currently.

Maybe what's needed as a wake-up call is what happened at our VE testing  
session last Saturday. A 15-year-old high school student passed the written  
portion of his Extra - he passed the code a couple of months ago. Passed  
all of his tests from no-code to Extra the first time. His friend isn't  
that far behind.

This got me going. I have been studying for my Extra as time permits, but I am  
now determined to take the written test next month. Our club president has  
vowed  
to go for the Advanced next month, also.

I have no excuse, having been an Advanced since the class was created in the  
60s.  
Since then, I spent nearly a year in electronics and radar school, then  
spent the next  
seven years maintaining and installing radar equipment, and returned for  
several classes  
on the newer equipment. Hopefully, this is the year.

> I haven't done it at QRP levels, but I have done it. It is something, to  
>coin a phrase, Neat! If each one of us were to take a no-coder under his  
>wing and start encouraging and teaching him the joy and excitement of working  
>CW I think that we could make a difference. And to only way to do it is one  
>guy at a time.

Yeah, if we can just pry them away from packet.

>4028 Random Circle

Can I get the plans for this? Any gain?

Sorry, I couldn't resist. :)

72/73 de Jim - KF6CR

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Joel Malman <malman@bbnplanet.com>  
Subject: [3267] Re: no code techs and PROBLEMS OVER THE HORIZON  
Message-ID: <9601232233.aa16634@poblano.bbnplanet.com>

Peter,

> Maybe it is time we, as a group, start thinking about how to handle the  
> current situation in order to preserve our niche.

Maybe we don't have to worry so much how to preserve our niche. Example:  
currently we do just fine, thank you, on 40 mtrs with lots of non-CW QRM and  
QRN -- and now the RTTY stations...

Future band re-orgs are *\*not\** likely is to *\*exclude\** CW. A peek at the past is  
usually a pretty good way at looking at the near future. And the past (for at  
least the past 40 or so years) says that CW is legal on all (US) amateur  
frequencies from 160 mtrs to well into VHF.

I suspect the only way to kill QRP CW, would be to dis-allow CW - not likely  
in our lifetime.

/joel                    wa1qvm                    malman@bbn.com

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Pat Taber <ptaber@logiccraft.com>  
Subject: [3283] Re: no code techs and PROBLEMS OVER THE HORIZON  
Message-ID: <199601241241.HAA66040@nss2.CC.Lehigh.EDU>

At 20:22 01/23/96 EST, you wrote:

>In a message dated 96-01-22 10:42:10 EST, you write:

>

>>Please, let's not get into the eliminate-the-code/keep-the-code debate  
>>here in QRP-L. If you want, you can join in the fray on usenet.

>

>SIR....[...]                    . Out

>of the dozens of messages I have received, you are the only one who doesn't  
>feel this topic is right for this maillist.

>

OK, then, let me add my voice to it. code/nocode is an irresolvable issue  
affecting all of ham radio, not just QRP. I would much rather see the debate  
moved off QRP-L and onto one of the general ham radio forums.

Maybe others would like to add their support as well.



From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Steven Wilson <randyw@crl.com>  
Subject: [3350] Re: Noise canceller circuit?  
Message-ID: <Pine.SUN.3.91.960124171652.8896A-100000@crl10.crl.com>

I hv been working on a passive noise cancellor circuit. Three coils are wound on the same core (I am using air). Feeding noise antenna into one, signal into another and using the third as the pickup to feed the receiver. All three circuits are series tuned. If every thing is tuned then the noise signal and the input signal should be 180 degrees out of phase with each other.

Results: Jury is still out, it seems to work. Might be better if I did ad some amplifiers and play with the gain also.

de stan ak0b  
e-mail via randyw@crl.com

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: "Robert J. Gobrick" <rgobrick@nfld.com>  
Subject: [3343] Re: OHR Explorer II  
Message-ID: <2.2.32.19960123234124.00c9471c@public.compusult.nf.ca>

Charles and QRP-L Gang,

May I suggest a device that I use for my tiny QRP soldering chores. Now first I have to say that I don't think (?) I have a vision problem (hmmm hmmm) but I have used for many years one of those inexpensive space shuttle arm (articulated arm I think is the term) clamp on magnifying desk lamps. The one I have uses a 60 watt bulb. I swear my soldering is now near perfect (maybe because I can see the hole...).

And to top it off I treated myself this past Christmas to a similar lamp but this one uses a fluorescent tube (Cosco or SAMS). I can't wait to get it set up and tackle the 4 or 5 rigs I have backed up here to build.

Anyway I hope you "see" the light with my suggestion :^)

73/72 Bob V01DRB/WA6ERB

At 09:09 1/24/96 EST, you wrote:

>  
>

>Now for the bad news: I had to wear glasses to do it. To solder  
>those tiny wires into those wee little holes, I had to wear reading

>glasses.

```
-----  
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |  
| QRP'er Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |  
| Internet:      rgobrick@nfld.com |  
|                bgobrick@nlnet.nf.ca |  
| Compuserve:   70466.1405@compuserve.com |  
-----
```

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: "Ted Kell" <kell@mpac.jsc.nasa.gov>  
Subject: [3294] re: R2/T2  
Message-ID: <199601241437.JAA96746@nss2.CC.Lehigh.EDU>

Hi Bill,

You said:

I finally got one (each) of my R2 and T2 kits mated together together this past week and fired it up on SSB for the Fireside Sprint. The T2 only puts out a milliwatt or so, so I added a '3866 and a MOSFET amp to get it up to a booming 450mw.

The R2 is just as impressive on receive as the article said - very quiet, and the filtering is excellent. It was much easier to listen to than my TR-7. Very pleased with the R2....

Being not an electronic designer, I would be interested in how you tied these two units together to make one unit. I understand that some kind of VFO and a phase splitter is required. Also an amp for the T2. How did you do this? Also, what is a "'3866"?

Ted Kell, KC5CUW

Ted Kell (kell@mpac.jsc.nasa.gov)

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: okasb@shoe.mtv.gtegsc.com (Bob Okas)  
Subject: [3336] Re:SPEAKING OF OLD RIGS....  
Message-ID: <9601242204.AA00262@shoe.mtv.gtegsc.com>

Dave, KK5HA, writes:



Gang:

I have a Heathkit SB-102 transceiver (80-10M, 100+ watts) which I bought a few years back. It is in overall fair condition. TX/RX very well (rx is VERY hot) on all bands.

The only thing that is marginal (and this is a real biggie) is VFO stability. As I tune, the vfo produces a "wobble" which (as you can guess) is especially bad on CW. If I tune slowly, I can minimize, or avoid this "wobble" effect.

My post here is two-fold:

1. Is there a known Heathkit repair outfit that anybody has experience with? The VFO is a sealed device, and try as I might, I can't get inside of it for a look see. With my luck, this is probably an obsolete part, but there might be some repair places that have some from scrapped units?

2. Is it worth getting fixed? I'm guessing that this is a circa-early '70's rig and for its time was a decent, heavy-duty rig. If I spend \$200-\$250 to fix it up, would this be a worthwhile deal to keep a "classic" in my shack? Or, should I keep what I have and put the repair money toward a Scout, QRP+, etc.

Thanks for any info you all can give. As always I know I can count on this group for honest opinions/answers.

72/73 de Dave KK5HA  
QRP-L #25

Hi Dave,

This is really a boatanchors topic, as is the TS-520 subject matter, but I'll go ahead and deposit by two pfennigs. The SB-102 is indeed a fine piece of Heath equipment. You don't elaborate on the specifics of the vfo wobble. Is there mechanical binding outside of the vfo unit that could be causing this? The slide rule dial pointer mechanism comes to mind. Also, check the vfo dial drive. It's friction based and any dirt in there could cause the problem you describe. I once repaired an SB-101 that required an entire disassembly and cleaning of the VFO dial drive before smooth tuning was restored.

I dunno what you paid for your radio, but \$250 seems like an excessive repair bill. I routinely see SB-101/2's going for \$150-200 at hamfests. I personally wouldn't spend more than 50% of the radio's cost in repairs.

A commercial outfit that does Heath repairs is RTO Electronics, 9046-3 US 31, Berrien Springs, MI 49103 (616) 473-3201. A friend of mine had his HW-101 repaired by them and he was both satisfied with the quality and the cost.

You might also wish to pursue the net.wisdom found on boatanchors@theporch.com.

Bob - N3MBY

From xrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: TIMOTHY J PETTIBONE <tpettibo@NMSU.Edu>  
Subject: [3339] Re: Stats es Stuff  
Message-ID: <Pine.A32.3.91.960124152436.66815C-100000@hector>

Wonderful job Chuck, let the flames begin!

Tim AB50U

From xrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: prvalko <prvalko@Oakland.edu>  
Subject: [3290] Re: Ten-Tec 6M SSB-CW-FM Transverter  
Message-ID: <Pine.OSF.3.91.960124090724.31611A-100000@saturn.acs.oakland.edu>

On Tue, 23 Jan 1996, Roger Hightower wrote:

> Mark, AA7TA has built one and had it at our last club meeting. A very nice  
> rig, and I'm considering getting one. Perhaps Mark will give us a review of  
> his after he reads this, :-)

Well, I've reviewed it here a few times as I built one of the first kits  
Ten Tec mailed out over a year and a half ago. Here's my one line review.

The Ten Tec 6M/20M transverter is the BEST \$100 I've ever spent on Ham  
Radio equipment.

Buy it and thank me later.

73! =paul= wb8zjl

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: David Teague <dwteague@mci.newscorp.com>  
Subject: [3270] Re: TenTec 2M Rig  
Message-ID: <199601240409.XAA15169@kafka.delphi.com>

At 11:18 AM 1/23/96 EST, you wrote:

>In a message dated 96-01-23 10:36:15 EST, you write:

>

>>

>>Interesting that FCC regs forbid sales of add-on power amp.

>>News to me. I didn't know that 6M was a QRP band. I understand

>>the concern for TVI, being close to Channel 2 and all, but guess

>>there is no rhyme or reason in everything.

>>

>>

>

>Actually, this is a hold over from the CB linear ban. The old "wideband"  
>"amateur" linear amps would cover 3.5 - 30 mhz. and were used almost  
>exclusively for CB. They were banned. Typical of govermental regulations,  
>they covered all the way to 6m so that some "innovative" manufacturer  
>couldn't make a "6 meter" linear amp that coincidentally worked at 11  
>meters. Hence the ban inclusion of 6m. You can buy a rig with a built-in  
>power module that runs up to legal limit but not an external amp that works  
>from a low power exciter. It's also legal to make an amplifier that requires  
>100 watts or so to drive it since that could not be used with a 5 watt CB  
>rig. Since 624 apparently makes a kit that works on 6m it must be OK to sell  
>a kit to a licensed amateur.

There is no ban on 6 meter amps, Mirage makes a 10w in 150w out and a 10w  
in 350w out amp for 6 meters. Also Henry makes the 2006 (1kw) and the 3006  
(1.5kw) amps for 6 meters.

I use a Kenwood TS600 and a modified commercial band amp for QRO six meter  
operation.

72/73 Dave (The guy who has about 250 gridsquares confirmed on six and has  
not applied for his VUCC on that band.....is that lazy or what?)

Dave Teague KF5IU EM31 Jena, LA QRP-L #391

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: JDuffy@aol.com

Subject: [3287] Re: TenTec 2M Rig  
Message-ID: <960124090114\_205464753@mail06.mail.aol.com>

In reference to the Ten-Tec 6 meter FM kit, Chuck wrote:

>Interesting that FCC regs forbid sales of add-on power amp.  
>News to me. I didn't know that 6M was a QRP band. I understand  
>the concern for TVI, being close to Channel 2 and all, but guess  
>there is no rhyme or reason in everything.

My educated guess says that such an amplifier was capable of working in the  
11 meter CB range and therefore is illegal to sell under current FCC  
regulations.

Regards,

Duffy - WB8NUT

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: Bob Patten <n4bp@bcfreenet.seflin.lib.fl.us>  
Subject: [3314] Re: TS130V to 5W out?  
Message-ID: <Pine.3.89.9601241250.A21671-01000000@bcfreenet.seflin.lib.fl.us>

On Wed, 24 Jan 1996, David Feldman wrote:

> Any info on calibration of TS130V to 5W nominal out vs. stock 10W, other than  
> reducing the front panel CW drive & mic gain controls?  
> 73 Dave WB0GAZ dgf@netcom.com  
I did a mod on mine to bring out the ALC threshold on the rear panel so  
I can set it for a maximum output at anywhere from 1/2W to 10W. If  
interested, send me an SASE.

Bob Patten  
2841 NW 112 Terrace  
Plantation, FL 33323

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [3302] Re: Tue FOX HUNT Results  
Message-ID: <199601241525.PAA28886@chuck.dallas.sgi.com>

Paul,

Posting on the way later today. Thanks very much for you effort.

See, if it was easy everybody would be doing it.

Since Roy Boggs KE4KDT is going to give Dave Benson NN1G a hug,  
I'll give all the foxes a hug at Dayton. (oops wrong group). :-)  
Remember it's only a movie ... it's only a movie.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: TIMOTHY J PETTIBONE <tpettibo@NMSU.Edu>  
Subject: [3317] Re: Tue FOX HUNT Results  
Message-ID: <Pine.A32.3.91.960124101839.29714K-100000@hector>

Paul:

Wow! Could just barely hear you in there. I was late for my monthly  
poker night but called the host and said I would be a few minutes later.  
Almost shut it down when I didn't hear you from 7-7:10. Thanks for  
pulling me out (was I really 559?) Lost at poker but won at Fox hunting!

Tim AB50U

p.s. Whoever it was that was calling me during and after Paul, sorry but  
I had to run.

From qrp-1@lehigh.edu Wed Jan 24 21:30:50 1996  
From: "Steve Bratcher" <Steve\_Bratcher@BENG.VOA.GOV>  
Subject: [3327] Re: Tuesday Fox  
Message-ID: <9600248225.AA822521380@ccmail.beng.voa.gov>

>My first QRP Fox hunt. Heard him once over the QSB and XE stations, but he  
>didn't return my 1 watt call.  
>Oh well...always tomorrow. Tnx Paul for the fox!  
>Scott KS4XS

My first try also but didn't hear him. Hope to join the hunt agn soon.

Steve WE5X/3  
WASH, DC